

# Engineering/Infrastructure (Overview of processes)

Joe Drimmel Deputy Program Manager (512) 691-2297 HNTB

#### Project Design Submittals

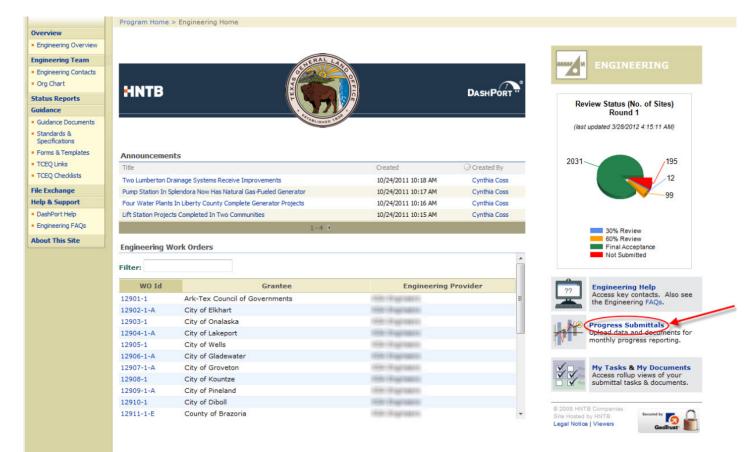
- All Submittals are REQUIRED
- Must be in accordance with the Performance Statements of the Grantee Contract and PMC Submittal Requirements
- Non complying submittals will be REJECTED
- Environmental starts when 30% design is accepted



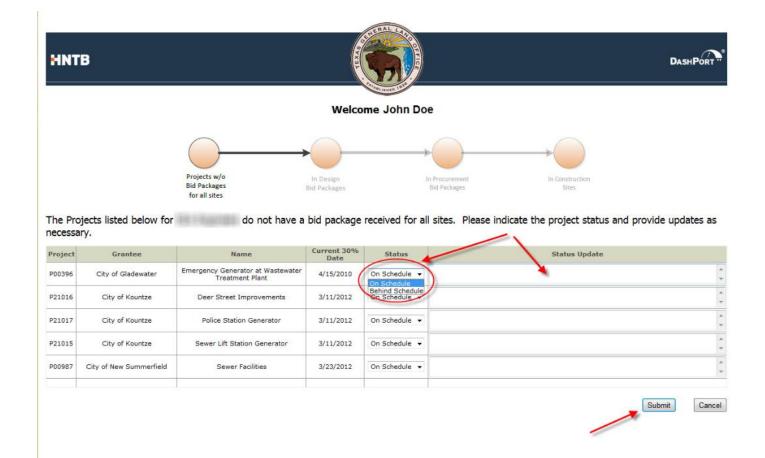
#### Project Design Submittals

- Reviews are now Technical (over the shoulder, not fatal flaw reviews)
- Design Summary Report now required to assist with Technical Reviews.
- PMC will perform independent cost estimates at the 60% and 100% submittals











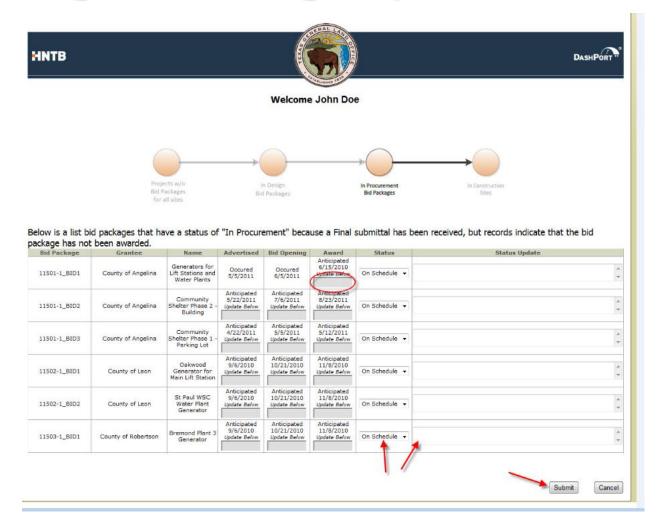




Below is a list of bid packages that have a status of "In Design" because at least one submittal has been received, but a Final submittal has not been received. Please indicate the status of the design bid package and provide updates as necessary.

Bid Package	Grantee	Name	30%	60%	Final	Status	Status Update
11503-1_BID4	County of Robertson	Bremond Generator for Well 3 and Plant		Anticipated N/A	Anticipated N/A	On Schedule 🕶	2
11518-1_BID3	County of Newton	Package 3 - Quail Drive (Cardinal to End)		Anticipated 3/13/2012	Anticipated 3/13/2012	On Schedule 🕶	0
11514-1_BID3	County of Jasper	Gum Slough Debris Removal Package 3	Received 12/10/2010	Anticipated 3/23/2012	Anticipated 3/23/2012	On Schedule ▼	<b>1</b>
						\/	Submit Cancel









#### Welcome John Doe



Below is a list sites that have a status of "In Construction" because records indicate the bid package has been awarded but that the site has not completed construction.

Site ID	Grantee	Location	Bid Package	NTP	Construction Start	Construction 50%	Construction 50% Justification	Construction Complete	Status	Status Update
S000150	City of Bridge City	North John Street - from West Roundbunch Road to State Hwy 87/73	10901-1_BID1	Anticipated 4/19/2011 Select Typ Anticipated Enter Date	Anticipated 5/18/2011 Select Type Anticipated Enter Date	Not Recorded Select Typ Anticipated Enter Date		Anticipated 10/21/2011 Update Below	On Schedule v	1
S002354	City of Bridge City	Rachel Street- 200,000 gallon elevated storage tank.	10901-1_BID2	Anticipated 8/16/2010 Select Type Anticipated  Enter Date	Anticipated 8/17/2010 Select Type Anticipated  Enter Date	Not Recorded  Select Type  Anticipated ▼  Enter Date	*	Anticipated 4/20/2011 Update Below	On Schedule •	





#### **Project Schedules**

Schedules are to be relative (not two years)

				DISASTE	RECOVERY	PROGRAM I	OR THE	STATE OF T	EXAS				Progress Date:	26-Fe
<b>5</b>	INTB				- SITE SCH	EDULE BY H	UD ACTIV	TTY -					Print Date	: 02-N
ID	Activity Name	Duration	Current Start	Current Finish	Baseline Start	Baseline Finish	Variance - Finish	Contract End Date	na II Je	2010 2011	2012 	2013	2014	1.1
OR\$010034 C	City of Cuney	800	25-Nov-09 A	01-Jan-13	25-Nov-09	23-Nov-12	-27	31-May-12	nanina.			141111111111111111111111111111111111111	141111144111	щ
1a Water Fac		375	10-May-10 A	25-Oct-11 A	10-May-10	05-Sep-11	-35	30-Nov-11	Υ.		ν			
	ity of Cuney - Amd 1 - Cuney WTP (Generator) at CR 350	375	10-May-10 A	25-Oct-11 A	10-May-10	05-Sep-11	-35	30-Nov-11		<u> </u>				
Environm		83	16-Jun-10 A	12-Oct-10 A	16-Jun-10	20-Sep-10	-16	30-Nov-11		<b>▼</b>				
EV0150		0	16-Jun-10 A	12-00-10 A	16-Jun-10	20-Sep-10	0	30-Nov-11		Environmental NTP				
EV0160		49	16-Jun-10 A	24-Aug-10 A	16-Jun-10	13-Aug-10	-7	30-Nov-11		Prepare ERR			l	
EV0165		0	10-buil-10 K	24-Aug-10 A	10-5411-10	13-Aug-10	-7	30-Nov-11	!	Prepare ERR  Submit ERR				
EV0180		22	25-Aug-10 A	24-Sep-10 A	16-Aug-10	03-Sep-10	-14	30-Nov-11	1 1	ERR Review and Revision			İ	
EV0215		0	zo riag tori	24-Sep-10 A	107109 10	03-Sep-10	-14	30-Nov-11	1 !	ERR Complete				
EV0220		12	27-Sep-10 A	12-Oct-10 A	07-Sep-10	20-Sep-10	-16	30-Nov-11	1 1	Environmental Release of F	nde			
Engineerii		40	10-May-10 A	07-Jul-10 A	10-May-10	09-Dec-10	109	3D-Nov-11		Environmental Release of P	lius			
DS0100		0	10-May-10 A	U7-GGFTG A	10-May-10	05-060-10	0	30-Nov-11		Design Start				
DS0105	-	21	10-May-10 A	08-Jun-10 A	10-May-10	03-Aug-10	39	30-Nov-11	1 !	Complète Preliminary Engineeri				
DS0120		0	,	08-Jun-10 A	,	03-Aug-10	39	30-Nov-11	1 1	Submit 30% Design	ľ			
DS0170	-	2	09-Jun-10 A	11-Jun-10 A	04-Aug-10	17-Aug-10	47	30-Nov-11	1 :	n Review 30% Design				
DS0180	-	4	14-Jun-10 A	17-Jun-10 A	18-Aug-10	24-Sep-10	69	30-Nov-11	1 1	☐ Prepare 60% Design			İ	
DS0185		0		17-Jun-10 A		24-Sep-10	69	30-Nov-11	1 :	Submit 60% Design				
DS0190	-	4	18-Jun-10 A	23-Jun-10 A	27-Sep-10	08-Oct-10	75	30-Nov-11	1 1	n Review 60% Design			l	
DS0200	-	5	24-Jun-10 A	30-Jun-10 A	11-Oct-10	16-Nov-10	97	30-Nov-11	1 :	□ Prepare 100% Design				
DS0205	Submit 100% Design	0		30-Jun-10 A		16-Nov-10	97	30-Nov-11		Submit 100% Design				
DS0220	_	3	01-Jul-10 A	07-Jul-10 A	17-Nov-10	09-Dec-10	109	30-Nov-11		□ 100% Design Review an	Raylsion			
DS0230	-	0		07-Jul-10 A		09-Dec-10	109	30-Nov-11	1 !	Final Design Completion	TTC HIGH			
Pre-Const		57	18-Oct-10 A	07-Jan-11 A	10-Dec-10	04-Feb-11	20	30-Nov-11		V ST				
PR1000		19	18-Oct-10 A	11-Nov-10 A	10-Dec-10	07-Jan-11	38	30-Nov-11	1	Advertise & Bid				
PR1020	Award	7	12-Nov-10 A	22-Nov-10 A	10-Jan-11	21-Jan-11	41	30-Nov-11	1 :	■ Award				
PR1030	Contracting	31	23-Nov-10 A	07-Jan-11 A	24-Jan-11	04-Feb-11	20	30-Nov-11		■ Contracting				
Construct	ton	206	10-Jan-11 A	25-Oct-11 A	07-Feb-11	05-Sep-11	-35	30-Nov-11		T			i	
CS1000	Construction Notice to Proceed	0	10-Jan-11 A		07-Feb-11		20	30-Nov-11	] [	Construction Notice t	Proceed			
CS1010	Lead Time	8	10-Jan-11 A	19-Jan-11 A	07-Feb-11	18-Feb-11	22	30-Nov-11		<ul> <li>Lead Time</li> </ul>			İ	
CS1020	Construction	77	20-Jan-11 A	06-May-11 A	21-Feb-11	08-Aug-11	66	30-Nov-11		Construct	on			
CS1050	COCC Acceptance	121	09-May-11 A	25-Oct-11 A	09-Aug-11	05-Sep-11	-35	30-Nov-11	1 :	i i	C Acceptance			



#### Retainage

Billing Milestone	Cumulative Rate	Increment
Preliminary Engineering	25%	25%
Complete Plans and Specifications	50%	25%
Bid and Award; Start of Construction	70%	20%
Construction Oversight	80%	10%
Certificate of Construction Completion and As Built Plans *	100%	20%

The final 20% of funds will not be paid until the corresponding milestone, "Certificate of Construction Completion and As Built Plans", has been completed in full and approved by the GLO.

#### Construction

- Monitor construction schedule and feasibility during design phase
- Eng. Provider to continue to report monthly on progress
- EP's to provide backup information (bid tabs, letters of award, etc.) via-Dashport
- Construction site audits to verify reported level of completions and site locations





## Thank You Q & A

Joe Drimmel (512) 691–2297 www.jdrimmel@hntb.com HNTB